

DEPARTMENT OF THE ARMY  
Wilmington District, Corps of Engineers  
Post Office Box 1890  
Wilmington, North Carolina 28402-1890

Action ID No. 200320565

July 29, 2003

PUBLIC NOTICE

Patrick J. Flippin, 701 South 5<sup>th</sup> Street, Mebane, North Carolina, 27302, has applied for a Department of the Army (DA) permit TO PLACE FILL MATERIAL INTO 199 LINEAR FEET OF STREAM CHANNEL, AND TO FLOOD 1,232 LINEAR FEET OF STREAM CHANNEL, ALONG AN UNNAMED TRIBUTARY TO STAGG CREEK, IN THE CAPE FEAR RIVER BASIN, ASSOCIATED WITH THE CONSTRUCTION OF A PRIVATE RECREATIONAL POND, LOCATED NORTH OF MEBANE, ALAMANCE COUNTY, NORTH CAROLINA.

The following description of the work is taken from data provided by the applicant and from observations made during a site visit by a representative of the Corps of Engineers. Plans submitted with the application show the proposed construction of a 3.96-acre pond within tributaries to Staggs Creek, located east of NC Highway 119 at Dickey Mill Road, in Alamance County, North Carolina.

The project site contains a perennial tributary and two intermittent tributaries proposed to be filled or flooded by the pond. The pond site has already been cleared of vegetation. In addition, several impacts to the stream channels within the limits of the proposed pond have already occurred including the excavation of approximately 100 linear feet of intermittent stream and the discharge of fill material into approximately 22 linear feet of stream associated with the construction of a temporary log crossing and a riprap check dam on the primary channel. The temporary crossing within the stream channel was removed prior to the issuance of this notice.

Construction of an earthen dam measuring 42.5 feet in height will follow installation of a rock check dam to be placed within the streambed immediately up stream of the dam. The fill slope on both the upstream and downstream sides of the dam will be 2.5 to 1. The maximum water depth will be approximately 35 feet. Normal flows will be carried through a 36-inch diameter riser pipe, and a 12-inch diameter bottom drain will allow the pond to be drained for maintenance. A concrete energy dissipater will be constructed in approximately 9 linear feet of channel immediately below the outlet pipe. In addition, an emergency spillway will be constructed around the northern edge of the dam to carry high flows. Impacts to the perennial stream channel resulting from construction of the dam will total 199 linear feet, including the rock check dam and concrete energy dissipater. The remaining impacts of 1,232 linear feet of stream channel will result from flooding. Of the total impact of 1,431 linear feet of stream channel, 1,151 linear feet exhibit indicators of important aquatic function. The proposed pond is being constructed to serve as a private recreational amenity to the single-family residence currently under construction adjacent to the site.

The applicant proposes to mitigate for impacts to stream channels associated with the project by providing payment into the North Carolina Wetlands Restoration Program for the restoration of 1,151 linear feet of stream channel. Plans showing the work are included with this public notice.

The State of North Carolina will review this public notice to determine the need for the applicant to obtain any required State authorization. No Department of the Army (DA) permit will be issued until the coordinated State viewpoint on the proposal has been received and reviewed by this agency, nor will a DA permit be issued until the North Carolina Division of Water Quality (NCDWQ) has determined the applicability of a Water Quality Certificate as required by PL 92-500.

This application is being considered pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344). Any person may request, in writing within the comment period specified in the notice, that a public hearing be held to consider this application. Requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein. Based on the best available evidence, it has been determined that no sites within the vicinity of the project are registered or listed as being eligible for inclusion in the Register. Examination of the National Register of Historic Places constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of other such resources. Presently, unknown archeological, scientific, prehistorical, or historical data may be lost or destroyed by work under the requested permit.

The District Engineer, based on available information, is not aware that the proposed activity will affect species, or their critical habitat, designated as endangered or threatened pursuant to the Endangered Species Act of 1973.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts that the proposed activity may have on the public interest requires a careful weighing of all those factors, which become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors that may be relevant to the proposal must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards and flood plain values (in accordance with Executive Order 11988), land use, navigation, shore erosion and accretion, recreation, water

supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

For activities involving the placement of dredged or fill materials in waters of the United States, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria, a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

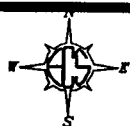
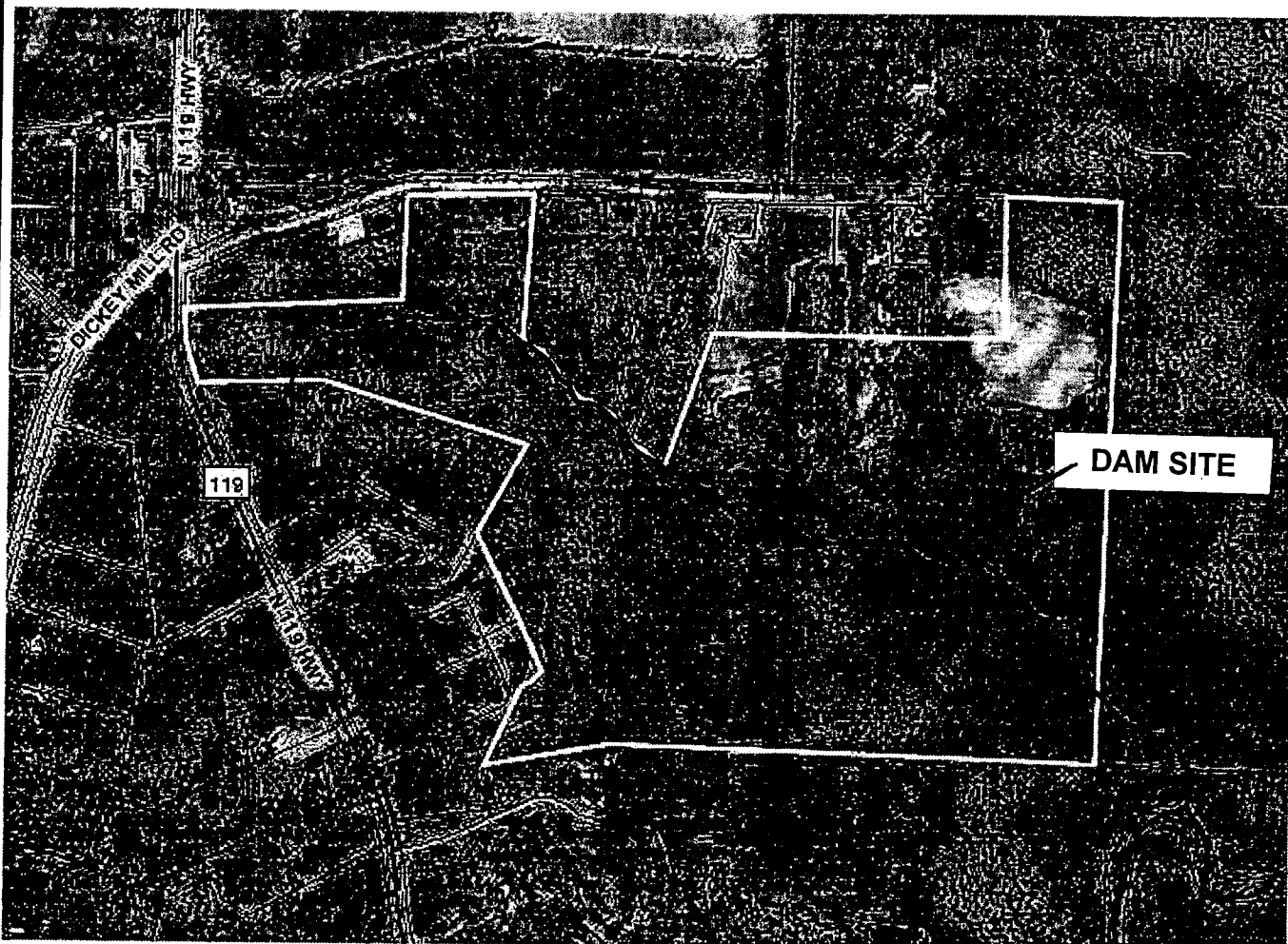
The Corps of Engineers is soliciting comments from the public; Federal, State and local agencies and officials; Indian Tribes and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Generally, the decision whether to issue this Department of the Army (DA) permit modification will not be made until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification required by Section 401 of the Clean Water Act. The NCDWQ considers whether or not the proposed activity will comply with Sections 301, 302, 306, and 307 of the Clean Water Act. The application and this public notice for the Department of the Army (DA) permit serves as application to the NCDWQ for certification.

Additional information regarding the Clean Water Act certification may be reviewed at the offices of the Wetlands /401 Unit, North Carolina DENR, Division of Water Quality, 2321 Crabtree Boulevard, Raleigh, North Carolina. Copies of such materials will be furnished to any person requesting copies upon payment of reproduction costs.

All persons desiring to make comments regarding the application for Clean Water Act certification should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), Wetlands/401 Unit, 1650 Mail Service Center, Raleigh, North Carolina, 27699-1650, on or before August 21, 2003, Attention: Mr. John Dorney.

Written comments pertinent to the proposed work, as outlined above, will be received in this office, Attention: Mr. Todd Tugwell, until 4:15 p.m., August 28, 2003, or telephone (919) 876-8441, extension 26.



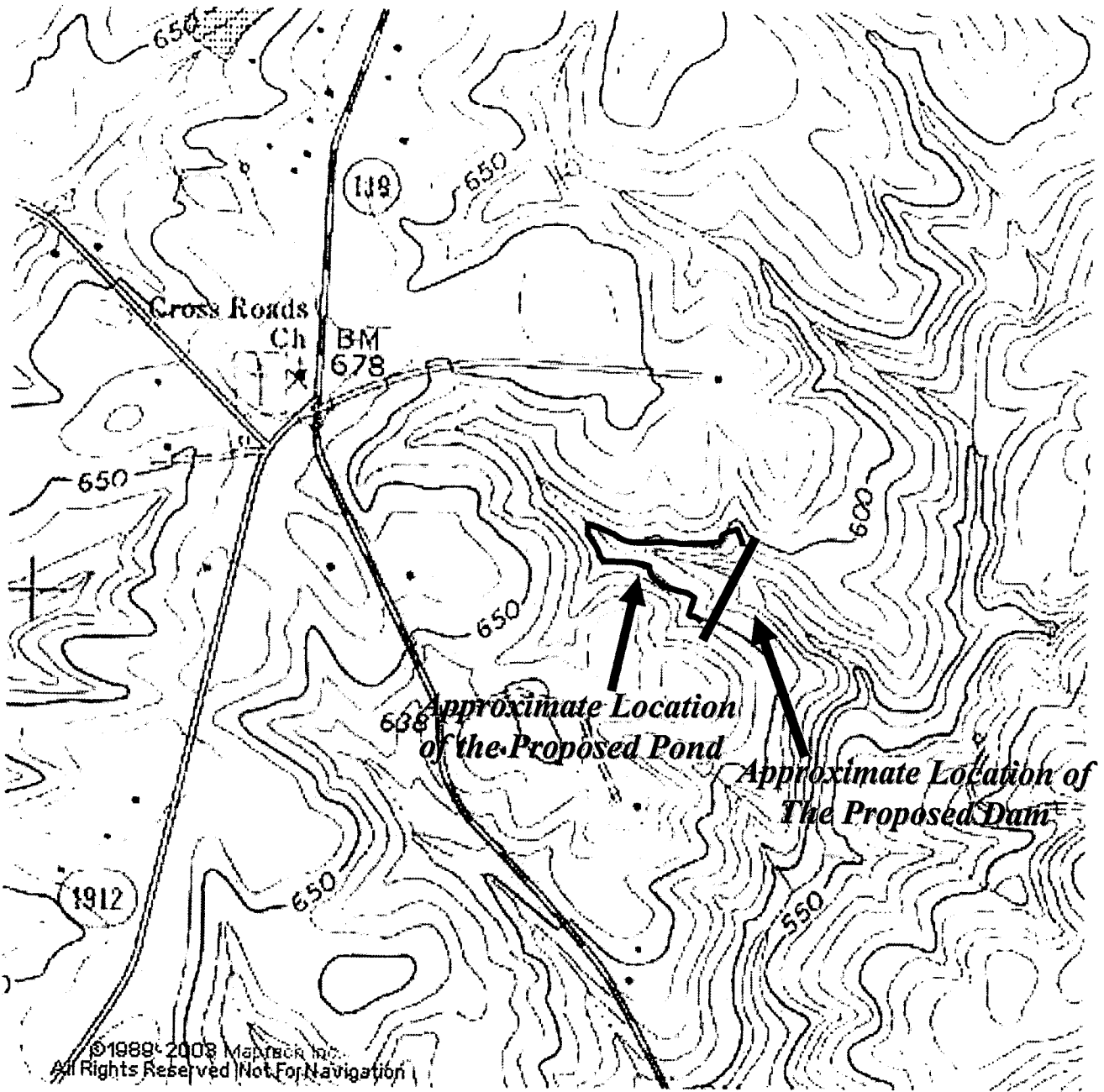
Source: Alamance County  
Aerial Photo and Vicinity Map  
Main Flippin Property

Not to Scale

**ECS**<sub>LTD</sub>  
ENGINEERING  
CONSULTING  
SERVICES, LTD

Flippin Dam Individual Permit  
5005 Thomas Road  
Mebane, North Carolina  
ECS Project Number 7098-A1

SHEET 1 OF 4



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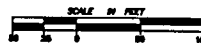
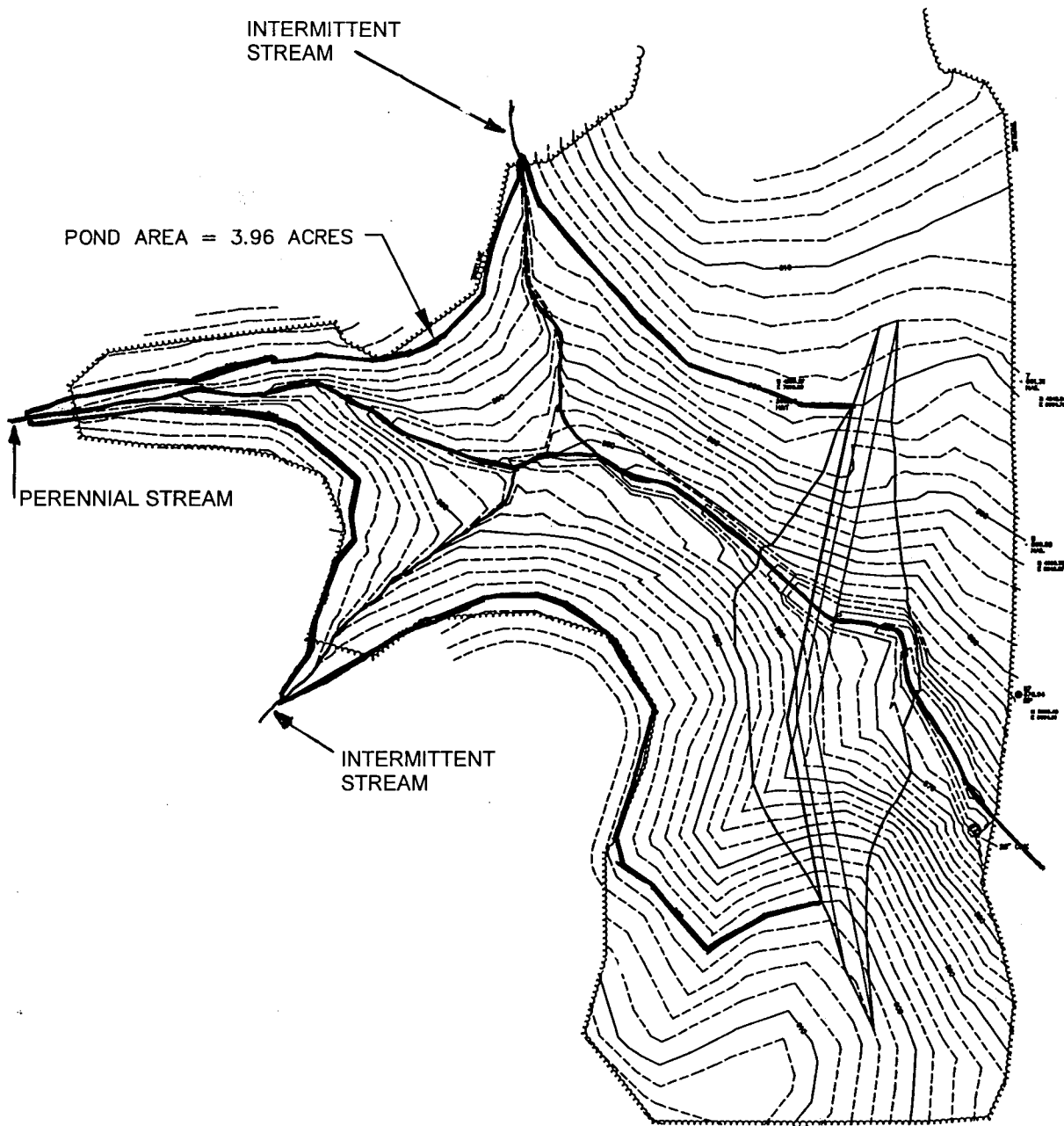
Source: USGS Map  
Burlington NE, N.C. Quadrangle  
1969  
Revised 1994

*Not to Scale*



Flippin Dam Individual Permit  
5005 Thomas Road  
Mebane, North Carolina  
ECS Project Number 7098-A1

SHEET 2 OF 4



FLIPPEN DAM  
J. PATRICK FLIPPEN

POND PLAN VIEW

SHEET 3 OF 4

PROJECT NO.	7098-A
DRAWING NO.	3
SCALE	AS SHOWN
DRAWN BY	PAW

